

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086290.D
 Acq On : 16 Apr 2025 12:26
 Operator : JC\MD
 Sample : VN0416WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:06:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.224	168	179652	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	334552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	296230	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156057	59.904	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 119.800%			
35) Dibromofluoromethane	8.159	113	91744	59.087	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.180%			
50) Toluene-d8	10.565	98	480933	57.955	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.920%#			
62) 4-Bromofluorobenzene	12.847	95	174143	57.534	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 115.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	49183	23.094	ug/l	98
3) Chloromethane	2.359	50	68676	22.189	ug/l	96
4) Vinyl Chloride	2.518	62	65244	22.090	ug/l	97
5) Bromomethane	2.959	94	33016	24.851	ug/l	98
6) Chloroethane	3.124	64	42605	21.553	ug/l	96
7) Trichlorofluoromethane	3.501	101	72323	22.106	ug/l	94
8) Diethyl Ether	3.959	74	32444	22.716	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.365	101	44571	22.520	ug/l	99
10) Methyl Iodide	4.589	142	53272	24.483	ug/l	98
11) Tert butyl alcohol	5.518	59	58445	122.958	ug/l	98
12) 1,1-Dichloroethene	4.336	96	46051	21.779	ug/l	99
13) Acrolein	4.177	56	31165	133.582	ug/l	98
14) Allyl chloride	5.018	41	80333	21.371	ug/l	99
15) Acrylonitrile	5.718	53	139138	118.413	ug/l	100
16) Acetone	4.424	43	114556	124.317	ug/l	99
17) Carbon Disulfide	4.712	76	132483	20.925	ug/l	99
18) Methyl Acetate	5.024	43	71487	22.860	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	176978	22.769	ug/l	98
20) Methylene Chloride	5.271	84	53346	22.150	ug/l	99
21) trans-1,2-Dichloroethene	5.789	96	48971	22.152	ug/l	94
22) Diisopropyl ether	6.665	45	180120	22.028	ug/l	98
23) Vinyl Acetate	6.600	43	661231	115.678	ug/l	100
24) 1,1-Dichloroethane	6.565	63	96477	22.361	ug/l	99
25) 2-Butanone	7.477	43	191022	117.802	ug/l	99
26) 2,2-Dichloropropane	7.489	77	84960	21.993	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	60111	21.908	ug/l	100
28) Bromochloromethane	7.812	49	46777	25.570	ug/l	98
29) Tetrahydrofuran	7.836	42	126963	117.088	ug/l	99
30) Chloroform	7.959	83	95287	22.483	ug/l	95
31) Cyclohexane	8.253	56	91556	21.686	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	80586	22.227	ug/l	97
36) 1,1-Dichloropropene	8.365	75	68397	22.055	ug/l	99
37) Ethyl Acetate	7.559	43	74715	22.883	ug/l	99
38) Carbon Tetrachloride	8.365	117	65971	22.337	ug/l	97
39) Methylcyclohexane	9.594	83	80704	21.894	ug/l	97
40) Benzene	8.600	78	221436	22.286	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
 Data File : VN086290.D
 Acq On : 16 Apr 2025 12:26
 Operator : JC\MD
 Sample : VN0416WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0416WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2025
 Supervised By : Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:06:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	43137	22.796	ug/l	99
42) 1,2-Dichloroethane	8.665	62	73045	23.052	ug/l	100
43) Isopropyl Acetate	8.683	43	147450	23.923	ug/l	97
44) Trichloroethene	9.347	130	53525	22.727	ug/l	95
45) 1,2-Dichloropropane	9.618	63	54408	22.369	ug/l	98
46) Dibromomethane	9.706	93	36503	23.555	ug/l	98
47) Bromodichloromethane	9.882	83	77786	23.240	ug/l	94
48) Methyl methacrylate	9.677	41	63751	22.234	ug/l	98
49) 1,4-Dioxane	9.688	88	23863	489.287	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	397353	118.848	ug/l	100
52) Toluene	10.629	92	137888	22.240	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	86868	23.250	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	92685	22.586	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	51547	23.108	ug/l	98
56) Ethyl methacrylate	10.871	69	93423	22.784	ug/l	100
57) 1,3-Dichloropropane	11.159	76	92550	23.384	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	212788	109.337	ug/l	100
59) 2-Hexanone	11.194	43	292942	118.127	ug/l	99
60) Dibromochloromethane	11.353	129	56900	23.229	ug/l	100
61) 1,2-Dibromoethane	11.465	107	52311	23.241	ug/l	100
64) Tetrachloroethene	11.100	164	53392	23.432	ug/l	97
65) Chlorobenzene	11.888	112	147024	22.240	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	49913	22.886	ug/l	99
67) Ethyl Benzene	11.959	91	264047	22.134	ug/l	100
68) m/p-Xylenes	12.071	106	198914	44.501	ug/l	99
69) o-Xylene	12.394	106	98848	22.361	ug/l	97
70) Styrene	12.406	104	165710	22.498	ug/l	99
71) Bromoform	12.576	173	37877	23.068	ug/l #	98
73) Isopropylbenzene	12.694	105	238782	21.537	ug/l	100
74) N-amyl acetate	12.488	43	116513	21.110	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	70755	22.196	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	60504m	18.917	ug/l	
77) Bromobenzene	12.976	156	55067	22.416	ug/l	98
78) n-propylbenzene	13.035	91	285874	21.882	ug/l	99
79) 2-Chlorotoluene	13.123	91	179760	21.989	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	200246	22.068	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	33319	25.019	ug/l	95
82) 4-Chlorotoluene	13.218	91	178126	21.935	ug/l	99
83) tert-Butylbenzene	13.435	119	167678	21.326	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	201398	21.804	ug/l	100
85) sec-Butylbenzene	13.612	105	236786	21.712	ug/l	100
86) p-Isopropyltoluene	13.723	119	193304	21.504	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	103032	22.311	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	103998	22.359	ug/l	99
89) n-Butylbenzene	14.053	91	173518	21.777	ug/l	100
90) Hexachloroethane	14.329	117	32118	21.241	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	99847	22.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15080	23.461	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	50093	23.366	ug/l	99
94) Hexachlorobutadiene	15.494	225	19555	24.163	ug/l	96
95) Naphthalene	15.635	128	177875	23.405	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	46850	23.082	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041625\
Data File : VN086290.D
Acq On : 16 Apr 2025 12:26
Operator : JC\MD
Sample : VN0416WBS02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0416WBS02

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/17/2025
Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 17 03:06:03 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

